

ANNUAL REPORT


ON THE

**SANITARY CONDITION**

OF THE

**Long Ashton Rural District**

**For the Year 1906.**



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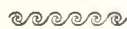


# Medical Officer's Annual Report

For the Year 1906.



*To the Chairman and Members*  
OF THE  
*Long Ashton Rural District Council.*



LONG ASHTON,  
JANUARY, 1907.

GENTLEMEN,

I beg to place before you my Report on the Sanitary Condition of the District during the year 1906.

The calculations as to Births, Deaths, and Sickness are based upon a population of 15,689 (Census 1901).

## Births.

The Births in the year were 347, giving a rate of 22·111 per thousand population.

The rate last year was 24·53.

A				BOYS.	GIRLS.	TOTAL.	} Were regis- tered.
In the "Long Ashton District," comprising the Parishes of—							
Long Ashton	...	...	...	71	61	132	
Backwell	...	...	...				
Bishopsworth	...	...	...				
Barrow Gurney	...	...	...				
Dundry	...	...	...				
Flax Bourton	...	...	...				
Winford...	...	...	...				
Workhouse	...	...	...				
Wraxall	...	...	...				
B							
"St. George's District," com- prising the Parishes of—							
Abbot's Leigh	...	...	...	63	52	115	
Clapton	...	...	...				
Easton-in-Gordano	...	...	...				
Portbury	...	...	...				
Walton-in-Gordano	...	...	...				
Weston-in-Gordano	...	...	...				
C							
"Yatton District," comprising the Parishes of—							
Yatton	...	...	...	49	51	100	
Nailsea	...	...	...				
Kenn	...	...	...				
Tickenham	...	...	...				
Brockley	...	...	...				
Kingston Seymour	...	...	...				
				183	164	347	

The excess of Births over Deaths (natural increase of population) 159.

## Deaths.

The Deaths in the whole District, at all ages, and from all causes, were 188, the rate being 11·98.

The rate last year was 13·000.

In the Long Ashton District, including the				} were registered
Workhouse (16)	...	...	85	
St. George's District	...	...	55	
Yatton District	...	...	48	
			188	

## Infant Mortality.

During the year 347 children were born, of whom 24 died under one year, giving an Infant Death Rate of 69·16.

Last year the Rate was 72·72.

Premature Birth	...	...	...	3
Chest Affections	...	...	...	3
Measles	...	...	...	2
Other Causes	...	...	...	16
				24

## Zymotic Diseases.

The Death Rate per 1,000 from Zymotic Diseases is 31.

Whooping Cough	...	...	...	1
Enteric Fever	...	...	...	1
Diarrhoea	...	...	...	3
				5

## Sickness.

Under the Notification of Infectious Diseases Act, 26 cases were reported to me.

1 case of Enteric or Typhoid Fever.
3 cases of Erysipelas.
11 cases of Diphtheria.
11 cases of Scarlet Fever.
26

The number reported in 1905 was 51.

### **Scarlet Fever.**

Eleven cases were reported during the year, in comparison with 28 last year. There were no deaths.

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### **Enteric Fever.**

There was only one case notified, in the St. George's District, which died.

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### **Diphtheria.**

Eleven cases were notified,—

5 in the Long Ashton District

6 in the St. George's District

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11

There was one death.

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### **Small Pox.**

None.

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### **Measles.**

This disease was prevalent during the year. The Schools at Winford were closed owing to it. There were two deaths.

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### **Whooping Cough.**

There was one death from this disease during the year.

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### **Heart Disease.**

There were 14 deaths from this disease during the year, one under one year, nine between 25 and 65, and four over 65.

### **Lung Disease.**

There were 21 deaths from this disease.

Pleurisy	...	...	...	1
Bronchitis	...	...	...	6
Pneumonia	...	..	...	14
				<hr/> 21

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### **Phthisis.**

Seven deaths were registered from this disease. In my previous Reports I have mentioned the causes of the spread of this disease, and the general precautions to be observed in its prevention.

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### **Diarrhoea.**

Three deaths were registered from this disease during the year.

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### **Causes affecting the Health of the District.**

1st—Bad water supply in some of the parishes ; wells, as a rule, shallow and often polluted with soakage from highly manured soil ; wells in proximity to pigsties.

2nd—Inattention to cesspits and drains where they exist.

3rd—Want of fire-places in bedrooms for warmth in sickness, and for ventilation at all times.

4th—Over-crowding. There are not enough cottages for the working classes in the district.

5th—The difficulty arising in country districts from the scarcity of proper nursing, from ignorance of the use of proper disinfectants, and from a general indisposition on the part of the people to avail themselves of Public Institutions.

6th—The impossibility of isolating the patients and the difficulty of disinfecting and properly carrying out sanitary measures in crowded cottages.

7th—More than all, the reckless way in which parents allow children recovering from infectious diseases to return to school or play with healthy children.

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### **Work Done.**

The advice given and measures taken have been directed towards the abatement and removal of the evils which I have mentioned.

The schools at Winford were closed for a time on account of Measles.

In infectious cases, isolation and disinfection were carried out as far as the means at our disposal allowed. This consisted in the burning of sulphur in closed rooms, in cleansing the walls and ceilings, boiling all clothing that admitted of it, and in burning what cannot be treated with sulphur or boiling.

The distribution of disinfectants supplied to the Inspector by the Council.

Samples of Water have been analysed, and dealt with as the case required.

There is an Isolation Hospital for 12 beds near the Workhouse.

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### **Industries.**

At Winford there are Mines for raising Iron Ore and Ochre. I can trace no illness arising from the use of the drinking water of that part of the District.



There are Coal Mines at Ashton, also a Steam Laundry.

There is no important industry, other than Agriculture, carried on in the rural villages.

At Pill a large portion of the inhabitants is engaged in a seafaring life.

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### **Geology of the Area.**

Yatton, Chelvey, Brockley, Bourton, Long Ashton, Portbury Village, St. George's, Clapton, Winford, Portishead (a lower part), Weston and Walton, and Wood and Bella Vista, Clevedon—*New Red Sand Stone*.

Barrow Gurney Village, Broadfield Down, Bedminster Down—*Lias*.

Cadbury, Backwell, and Barrow Hill, Charlton Farm, Moat House and Lime Bridge, Walton Down, Highdale, Clevedon, Dial Hill—*Carboniferous Lime Stone*.

Portbury Marsh and Kingston Seymour—*Alluvial*.

Failand House and Portishead—*Old Red Sand Stone*.

Nailsea Coal Measures run from Wraxall Mill round by Jacklands Bridge, thence to the West End of Nailsea, Nailsea Court, South Common, Smoky Hole, and East End.

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### **Long Ashton Brook.**

A system of drainage to prevent the pollution of this brook is now all but complete.

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### **Yatton Water Supply.**

The Rural District Council has accepted a tender for carrying out a scheme of Water Supply for this Parish.

### **Water Supply.**

There has been no alteration of the Water Supply in the District during the past year. A considerable part of it is supplied by the Bristol, Portishead, and Clevedon Water Companies.

Mr. Edgar Thatcher, of the Nailsea Heath Brewery, still continues to supply part of Nailsea gratuitously with splendid water from a large tank near his house.

The West End of Nailsea has not a good supply of Water. An effort might be made to obtain some from the old coal pits.

I am, Gentlemen,

Yours obediently,

JOSEPH FULLER,

*Medical Officer of Health.*







TABLE I.

## LONG ASHTON RURAL DISTRICT COUNCIL.

## FOR WHOLE DISTRICT.

Year.	Population estimated to middle of each year.	Births.		Total Deaths registered in the District.				Deaths in Public Institutions.	Deaths of Non-residents register'd in District.	Deaths of residents register'd beyond District.	Nett Deaths at all ages.	
		Number.	* Rate.	Under 1 year of age.		At all ages.					Number.	*Rate.
				Number.	Rate per 1,000 Births registered.	Number.	*Rate.					
1	2	3	4	5	6	7	8	9	10	11	12	13
1896	26450	728	27.52	57	78.02	377	14.25	48	...	...	377	14.25
1897	26500	780	29.43	59	77.50	382	14.41	55	...	...	382	14.41
1898	19405	425	21.38	39	91.76	253	13.03	45	...	...	253	13.03
1899	19116	370	19.35	39	105.40	227	11.87	15	...	...	227	11.87
1900	19116	373	19.41	29	77.74	223	11.66	19	...	...	223	11.66
1901	15689	381	24.28	32	83.98	200	12.74	14	...	...	200	12.74
1902	15689	345	21.98	25	72.46	230	14.65	21	...	...	230	14.65
1903	15689	352	22.43	20	56.81	195	12.42	16	...	...	195	12.42
1904	15689	398	25.30	51	128.14	242	15.42	26	...	...	242	15.42
1905	15689	385	24.53	28	72.72	204	13.00	16	...	...	204	13.00
Averages for years 1896-05	18903	453	23.56	38	84.45	253	13.34	27	...	...	253	13.34
1906	15689	347	22.11	24	69.16	188	11.98	16	...	...	188	11.98

\* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

Area of District in acres  
(exclusive of area  
covered by water) } 47699

Total population at all ages ... 15689  
Number of inhabited houses ... 3395  
Average number of persons per house 5 } At Census of 1901.



TABLE II.

## LONG ASHTON RURAL DISTRICT COUNCIL.

VITAL STATISTICS OF SEPARATE LOCALITIES IN 1906 AND PREVIOUS YEARS.

Names of Localities.	BEDMINSTER DISTRICT.				1 LONG ASHTON DISTRICT.				2 ST. GEORGE'S DISTRICT.				3 YATTON DISTRICT.			
Year.	Popula- tion estimat'd to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Popula- tion estimat'd to middle of each Year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Popula- tion estimat'd to middle of each year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.	Popula- tion estimat'd to middle of each year.	Births regis- tered.	Deaths at all Ages.	Deaths under 1 year.
	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
1896	7995	336	95	33	6835	151	104	10	6981	124	72	5	4639	117	106	9
1897	8045	294	89	30	6835	148	112	19	6981	135	71	3	4639	203	110	7
1898	950	27	14	3	6835	161	120	14	6981	116	50	7	4639	121	69	15
1899	...	...	...	...	7496	134	96	15	6981	107	51	5	4639	129	80	19
1900	...	...	...	...	7496	152	98	11	6981	104	69	8	4639	117	56	10
1901	...	...	...	...	6744	154	76	11	4373	97	76	11	4572	130	48	10
1902	...	...	...	...	6744	145	99	8	4373	85	68	8	4572	115	63	9
1903	...	...	...	...	6744	148	81	5	4373	103	55	11	4572	101	59	4
1904	...	...	..	..	6744	161	105	17	4373	125	68	16	4572	112	60	18
1905	...	...	...	...	6744	158	98	12	4373	109	51	8	4572	118	55	8
Averages of Years 1896 to 1905 ...	5663	219	66	22	6921	151	99	12	5677	110	63	8	4605	126	70	11
1906	...	..	...	...	6744	132	85	12	4373	115	55	10	4572	100	48	2





TABLE III.

## LONG ASHTON RURAL DISTRICT.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1906.

Notifiable Diseases.	Cases Notified in Whole District.								Total Cases Notified in each Locality			No. of Cases Re-moved to Hospital from each locality.		
	At all Ages.	At Ages—Years.							1	2	3	1	2	3
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and & up-wards	Long Ashton A	St. George B	Yatton C	Long Ashton A	B	C	
Small Pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria ... ..	II	...	2	4	2	3	...	5	6	...	I	...	...	...
Membranous Croup ... ..	...	...	...	...	...	..	...	...	...	...	...	...	...	...
Erysipelas ... ..	3	...	...	...	...	3	...	I	I	I	...	...	...	...
Scarlet Fever... ..	II	...	4	6	...	I	...	2	7	2	2	...	..	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	I	...	...	...	...	I	...	...	I	...	...	...	...	...
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	..	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...	..	...	...	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ... ..	26	...	6	10	2	8	...	8	15	3	3	...	...	...

*Isolation Hospital.*      *There is one near the Workhouse, with 12 beds.*



TABLE IV.

## LONG ASHTON RURAL DISTRICT.

CAUSES OF, AND AGES AT, DEATH DURING YEAR 1906.

Causes of Death.  1	Deaths in or belonging to whole District at subjoined Ages.							Deaths in or belonging to Localities [at all Ages].			Total Deaths in Public Institu- tions in the District
	All Ages 2	Under 1 year 3	1 and under 5 4	5 and under 15 5	15 and under 25 6	25 and under 65 7	65 and up- wards 8	A 9	B 10	C 11	
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	..
Measles ... ..	3	2	I	...	...	...	...	2	...	I	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Whooping Cough ... ..	I	I	...	...	...	...	...	...	I	...	...
Diphtheria & Membranous Croup	I	...	...	...	I	...	...	I	...	...	...
Croup ... ..	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus ... ..	...	...	...	...	...	...	...	...	...	...	...
Enteric ... ..	I	...	...	...	...	I	...	...	I	...	...
Other continued	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ... ..	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa ... ..	3	3	...	...	...	...	...	3	...	...	...
Enteritis ... ..	6	5	...	...	I	...	...	2	4	...	...
Puerperal Fever ... ..	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...
Other Septic Diseases	...	...	...	...	...	...	...	...	...	...	...
Phthisis ... ..	7	...	...	...	3	3	I	4	...	3	..
Other Tubercular Diseases	4	...	...	I	I	2	...	3	I	...	3
Cancer, malignant disease	7	..	..	...	...	2	5	4	2	I	3
Bronchitis ... ..	6	..	...	...	...	I	5	4	I	I	I
Pneumonia ... ..	14	2	2	...	I	3	6	9	5	...	...
Pleurisy ... ..	I	...	...	...	...	I	...	...	I	...	...
Other Diseases of Respiratory Organs ... ..	...	...	...	...	...	...	...	...	...	..	...
Alcoholism ... ..	I	...	...	...	...	I	...	...	...	I	...
Cirrhosis of Liver } ... ..	...	...	...	...	...	...	...	...	...	...	...
Venereal Disease ... ..	...	...	...	...	...	...	...	I	2	...	...
Premature Birth ... ..	3	3	...	...	...	...	...	...	...	...	...
Diseases and Accidents of Par- turtion ... ..	I	I	...	...	...	...	...	...	I	...	...
Heart Diseases ... ..	14	I	...	...	...	...	9	4	6	2	6
Accidents ... ..	...	...	...	...	...	I	...	...	...	...	...
Suicides ... ..	I	...	..	...	...	3	...	6	...	...	3
Inquests ... ..	6	I	2	..	...	...	...	...	...	...	...
All other causes ... ..	108	5	6	2	I	19	75	40	33	35	14
All Causes ... ..	188	24	11	3	8	46	96	85	55	48	26



TABLE V.  
LONG ASHTON RURAL DISTRICT.  
INFANTILE MORTALITY DURING THE YEAR 1906.  
Deaths from stated Causes in Weeks and Months under One Year of Age.

CAUSE OF DEATH.		under 1 wk.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 1 month.	1-2 months.	2-3 months.	3-4 months.	4-5 months.	5-6 months.	6-7 months.	7-8 months.	8-9 months.	9-10 months.	10-11 months.	11-12 months.	Total Deaths under One Year.
All Causes.—																		
	Certified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Uncertified	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Common Infectious Diseases.—																		...
	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Diphtheria : Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhœa, Diseases.—																		...
	Diarrhœa, all forms	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Enteritis (not tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Gastritis, Gastro-intestinal Catarrh	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
Wasting Diseases.—																		...
	Premature Birth	...	2	...	1	3	...	...	...	...	...	...	...	...	...	...	...	...
	Congenital Defects	...	2	...	...	2	1	...	...	...	...	...	...	...	...	...	...	3
	Injury at Birth	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
	Want of Breast-milk	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Atrophy, Debility, Marasmus	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
Tuberculous Diseases.—																		...
	Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tuberculous Peritonitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Tabes Mesenterica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Meningitis (not Tuberculous)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Convulsions	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Pneumonia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlaying	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	2
	Other Causes	...	...	...	...	...	2	2	1	1	...	...	...	...	...	...	...	7
		4	1	1	2	8	4	2	2	2	...	1	...	2	2	1	...	24

District of Long Ashton.—Population estimated to middle of 1906, 15689.  
Births in the year—legitimate 327 ; illegitimate 20.  
Deaths in the year—legitimate infants 23 ; illegitimate infant 1.  
Deaths from all Causes at all Ages, 188.

TABLE VI.  
HOME WORK.

[illegible]

